

Work Order ID 70533

Friday, June 10, 2011 2:53:46 PM



Page 1

Item ID: D205-641-011

Accept



Setup Start



Revision ID:

Stop



Item Name: Ground Handling Wheel

Start Date: 6/10/2011 Start Qty: 2.00



Cust Item ID:

Required Date: 6/15/2011 Req'd Qty: 2.00



Customer:

Reference:

Approvals: Process Plan: ALDate: 6-10-11

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

DSI 9536

A

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy D205-641 bluefile & type labels per PPP D205-641-011 CHG002

8/6/11df BG 11-6-20

110

0.00



Pick Kit

Packaging

Memo

0.00

Packaging

Pckg/10

120

0.00



QC4- 100% Inspect kits for completeness

QC

Memo

0.00

Quality Control

8/6/11(12)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 70533

Friday, June 10, 2011 2:53:46 PM



Page 2

Item ID: D205-641-011

Accept



Setup Start



Revision ID:

Stop



Item Name: Ground Handling Wheel

Start Date: 6/10/2011 Start Qty: 2.00



Cust Item ID:

Required Date: 6/15/2011 Req'd Qty: 2.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 	Packaging	0.00							
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D205-641-011 Location: <u>Room</u>								
140 	QC21- Final Inspection - Work Order Release	0.00							
QC	Memo	0.00							
Quality Control									

11/6/21

SF 20

11/6/21

ME 11-06-21

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Friday, June 10, 2011 2:53:53 PM

Page 1

Work Order ID: 70533

Parent Item: D205-641-011

Parent Item Name: Ground Handling Wheel



Start Date: 6/10/2011

Required Date: 6/15/2011

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:J Removed Manufacturing 05-10-25 JLM
IPP K Rev D dwg 09.01.28 EC verifiedby:DD IPP REV:L
10.12.08 PER ECN10-661 DSI9536 REVA DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN4C46A 		Purchased	No			110	Each	221.0000	4	8			
BOLT													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST360		221							
				107287		40			107287				
				110823		181							
D2570 		Manufactured	No			110	Each	285.0000	8	16			
Bushing													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST017		285							
				66933		1							
				67759		82			67759				
				68103		202							
D3405-041 		Manufactured	No			110	Each	6.0000	1	2			
Lug Assembly													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST423		4							
				68346		4							
				ST474		2							
				62227		2							

S
2

S
2

S
2

JB

JB 11/06/15

JB 4/6/21

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Friday, June 10, 2011 2:53:53 PM

Page 2

Work Order ID: 70533

Parent Item: D205-641-011

Parent Item Name: Ground Handling Wheel

Start Date: 6/10/2011

Required Date: 6/15/2011

Start Qty: 2.00

Required Qty: 2.00

D3405-043

Manufactured No

110 Each

2.0000



Lug Assembly



1 2 ✓
68343 JB

Location

Loc Qty

Loc Code

ST423

2

974

65703

2

MS21042L4

Purchased No

110 Each

5,323.000



Nut



4 8 ✓
JB 11/06/15

Location

Loc Qty

Loc Code

ST300

5323

116823

23

117441

3000

117601

800

117885

1500

117441

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D205-634 REV. F AND
INSTALLATION INSTRUCTIONS D204-635 REV. F

REF. TCCA STC SH96-88
REF. FAA STC SR00563NY
REF. EASA STC EASA.IM.R.S.01303

SHOP C
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 10533

PURPOSE:

THE PARTS LIST OF INSTALLATION INSTRUCTIONS D205-634 REV. F AND D204-635 REV. F LISTS THE INCORRECT PART NUMBER FOR THE BOLT PROVIDED WITH D205-641-011 GROUND HANDLING KIT. THE CORRECT PART NUMBER FOR THE BOLT IS AN4C46A.

CHANGE:

THE PART NUMBER IN SECTION 5.0 OF D205-634 REV. F AND D204-635 REV. F AND SECTION 32.9 OF ICA-D204-635 REV. 3 IS AMENDED AS FOLLOWS:

5.0 PARTS LIST (D205-634 REV. F)

Item	634 -011	634 -015	634 -041	634 -045	641 -011	PART NUMBER	DESCRIPTION
	X					D205-634-011	SKIDTUBE INSTALLATION (STANDARD)
		X				D205-634-015	SKIDTUBE INSTALLATION (MODIFIED)
	1		X			D205-634-041	SKIDTUBE
		1		X		D205-634-045	SKIDTUBE
	1	1			X	D205-641-011	GROUND HANDLING KIT

IS:

52					4	AN4C46A	BOLT
----	--	--	--	--	---	---------	------

WAS:

52					4	AN4C47A	BOLT
----	--	--	--	--	---	---------	------

5.0 PARTS LIST (D204-635 REV. F)

32.9 PARTS LIST (ICA-D204-635 REV. 3)

Item	635 -011	635 -041	641 -011	PART NUMBER	DESCRIPTION
	X			D204-635-011	SKIDTUBE INSTALLATION
	1	X		D204-635-041	SKIDTUBE
	1		X	D205-641-011	GROUND HANDLING KIT

IS:

52			4	AN4C46A	BOLT
----	--	--	---	---------	------

WAS:

52			4	AN4C47A	BOLT
----	--	--	---	---------	------

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: D. SHEPHERD (DE # 02)

DATE: 10.11.26

CERT. NO.: SH96-88

ISSUE NO.: 3

A	NEW ISSUE (REF. CAR10-27)	MB	10.11.26
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		DSI 9536	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		P/N CORRECTION	NTS
DATE	10.11.26	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

5.0 PARTS LIST

Item	634 -011	634 -015	634 -041	634 -045	641 -011	Part Number	Description
	X					D205-634-011	SKIDTUBE INSTALLATION (STANDARD)
		X				D205-634-015	SKIDTUBE INSTALLATION (MODIFIED)
1			X			D205-634-041	SKIDTUBE
		1		X		D205-634-045	SKIDTUBE
	1	1			X	D205-641-011	GROUND HANDLING KIT
1			1			D2580-041	205 SKIDTUBE ASSEMBLY (STANDARD)
1				1		D2580-045	205 SKIDTUBE ASSEMBLY (MODIFIED)
2A			16	16		D2594-1	* PLUG
2B			16	16		D2594-3	* O-RING
3			1	1		D2855	* AFT CAP
4			2	2		AN3-5A	* BOLT
5			2	2		AN960JD10L	* WASHER
6A			1	1		D3564-9	* WEARSHOE (REPLACES D2577-1)
6B			1	1		D3566-1	* GASKET
7A			1	1		D3564-11	* WEARSHOE (REPLACES D2577-3)
7B			1	1		D3566-1	* GASKET
8A			1	1		D3564-5	* WEARSHOE (REPLACES D2577-5)
8B			1	1		D3566-5	* GASKET
9A			1	1		D3564-13	* WEARSHOE
9B			1	1		D3566-13	* GASKET
10			50	50		AN3C4A	* BOLT (REPLACES AN3-4A)
11			50	50		AN960C10L	* WASHER (REPLACES AN960JD10L)
12			50	50		ALS4-1032-130	* INSERT
13			2	2		ALS4-1032-225	* INSERT
20	1	1				D2571	SADDLE, FWD OUTSIDE
21	1	1				D2572	SADDLE, FWD INSIDE
22	1	1				D2573	SADDLE, AFT OUTSIDE
23	1	1				D2574	SADDLE, AFT INSIDE
24	8	8				AN4-51A	BOLT
25	16	16				D2570	BUSHINGS
26	8	8				MS21042L4	NUT (OR MS21042-4)
27	8	8				AN6-12A	BOLT
28	8	8				AN960JD616	WASHER
29	16	16				AN4-6A	BOLT
30	32	32				AN960JD416	WASHER
31	16	16				MS21042L4	NUT (OR MS21042-4)
32	4	4				D2747	SET SCREW
33	2	2				D3533-1	SET SCREW
40	1	1				D3407-041	TOW RING (REPLACES D2968-041)
41	1	1				D3456-1	WASHER
43	1	1				MS21043-4	NUT
44	2	2				D3417-5	WASHER
50					1	D3405-041	LUG ASSEMBLY (REPLACES D2736-1)
51					1	D3405-043	LUG ASSEMBLY (REPLACES D2736-3)
52					4	AN4C47A	BOLT
53					8	D2570	BUSHING
54					4	MS21043-4	NUT (OR MS21042-4)
60	2	2				D2876	SADDLE SPACER
61	2	2				D2877	SADDLE SPACER

*DENOTES THAT PART IS INCLUDED WITH ASSEMBLY ABOVE

• COPYRIGHT © 1996 BY DART AEROSPACE LTD •
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: F

Date: 08.10.07

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D205-634 REV. F AND
INSTALLATION INSTRUCTIONS D204-635 REV. F

REF. TCCA STC SH96-88

REF. FAA STC SR00563NY

REF. EASA STC EASA.IM.R.S.01303

REFERENCE ONLY

PURPOSE:

THE PARTS LIST OF INSTALLATION INSTRUCTIONS D205-634 REV. F AND D204-635 REV. F LISTS THE INCORRECT PART NUMBER FOR THE BOLT PROVIDED WITH D205-641-011 GROUND HANDLING KIT. THE CORRECT PART NUMBER FOR THE BOLT IS AN4C46A.

CHANGE:

THE PART NUMBER IN SECTION 5.0 OF D205-634 REV. F AND D204-635 REV. F AND SECTION 32.9 OF ICA-D204-635 REV. 3 IS AMENDED AS FOLLOWS:

5.0 PARTS LIST (D205-634 REV. F)

Item	634 -011	634 -015	634 -041	634 -045	641 -011	PART NUMBER	DESCRIPTION
	X					D205-634-011	SKIDTUBE INSTALLATION (STANDARD)
		X				D205-634-015	SKIDTUBE INSTALLATION (MODIFIED)
	1		X			D205-634-041	SKIDTUBE
		1		X		D205-634-045	SKIDTUBE
	1	1			X	D205-641-011	GROUND HANDLING KIT

IS:

52					4	AN4C46A	BOLT
----	--	--	--	--	---	---------	------

WAS:

52					4	AN4C47A	BOLT
----	--	--	--	--	---	---------	------

5.0 PARTS LIST (D204-635 REV. F)

32.9 PARTS LIST (ICA-D204-635 REV. 3)

Item	635 -011	635 -041	641 -011	PART NUMBER	DESCRIPTION
	X			D204-635-011	SKIDTUBE INSTALLATION
	1	X		D204-635-041	SKIDTUBE
	1		X	D205-641-011	GROUND HANDLING KIT

IS:

52			4	AN4C46A	BOLT
----	--	--	---	---------	------

WAS:

52			4	AN4C47A	BOLT
----	--	--	---	---------	------

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 10.11.26
CERT. NO.: SH96-88
ISSUE NO.: 3

A	NEW ISSUE (REF. CAR10-27)	MB	10.11.26
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		DSI 9536	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		P/N CORRECTION	NTS
DATE	10.11.26	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	